

No.

8000032



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Custom Ag Service, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. THE SAID CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS OF THE SAID VARIETY. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

COTTON

'Casco BR-1'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 30th day of July in the year of our Lord one thousand nine hundred and eighty-one.

Attest:

Edward H. Tamm

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

John R. Block

Secretary of Agriculture

12/27/79

8000032

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

FORM APPROVED
OMB NO. 40-R3822

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY <i>Cascot BR-1</i>		1b. VARIETY NAME <i>9/18/80</i> <i>CASCOT BR-1</i>		FOR OFFICIAL USE ONLY PV NUMBER 8000032	
2. KIND NAME <i>Cotton</i>		3. GENUS AND SPECIES NAME <i>Gossypium hirsutum L.</i>		FILING DATE <i>12-27-79</i>	TIME <i>8:00</i> A.M.
4. FAMILY NAME (BOTANICAL) <i>Malvaceae</i>		5. DATE OF DETERMINATION <i>September, 1979</i>		FEE RECEIVED \$ <i>500.00</i> \$ <i>250.00</i>	DATE <i>12-27-79</i> <i>5/21/81</i>
6. NAME OF APPLICANT(S) <i>Custom Ag Service, Inc.</i>		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) <i>P.O. Box 97</i> <i>Loraine, Texas 79532</i>		8. TELEPHONE AREA CODE AND NUMBER <i>915-737-2274</i>	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) <i>Corporation</i>			10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION <i>Texas</i>		11. DATE OF INCORPORATION <i>Nov. 7, 1969</i>
12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: <i>David L. Bush</i> <i>P. O. Box 97, Loraine, Texas 79532</i>					

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- ☒ 13B. Exhibit B, Novelty Statement.
- ☒ 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- ☒ 13D. Exhibit D, Additional Description of the Variety.

14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a). (If "Yes," answer 14B and 14C below.)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?	14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED?		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED		
15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)			
15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)			

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? ☒ YES ☐ NO

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

Custom Ag Service, Inc.

(SIGNATURE OF APPLICANT)

(SIGNATURE OF APPLICANT)

12/21/79
(DATE)

12/21/79
(DATE)

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

5 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.

13a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.

13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.

13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.

13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.

14a If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)

15a See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

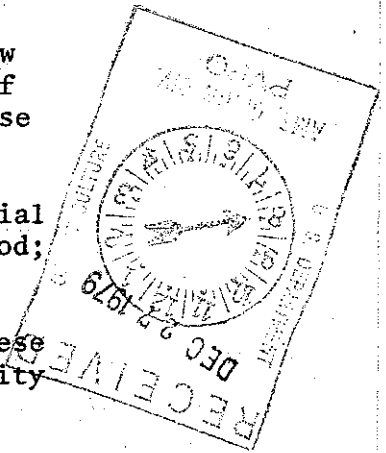


Exhibit A

A. Origin and Breeding History of the Variety

Cascot BR-1 originated with the breeding line TX-Bonham developed by L. S. Bird of the Texas Agricultural Experiment Station. TX-Bonham has been used in breeding programs but is not a released variety. A pure line selection program in conjunction with the Texas A&M Multi-Adversity Resistance (TAM-MAR) genetic improvement system was used to develop Cascot BR-1. The sequence of selection and development of the variety is as follows:

1974 - An individual plant differing in plant color, fruiting habit and boll shape was selected from a population of TX-Bonham growing in a test plot at Veribest, Texas. Seed and seedlings from the selected individual plant were subjected to Multi-Adversity Resistance selection procedures in laboratory and greenhouse tests.

1975 - Sixty-three progeny rows were in test plots at Loraine, Texas from individual greenhouse grown plants. One progeny row, designated CAS-BR-1-56, was selected and harvested.

1976 - CAS-BR-1-56 was increased on the Custom Ag Service Research farm at Loraine, Texas.

1977 - The strain was grown in five (5) advanced strains tests in Texas and Oklahoma. The strain was designated Cascot BR-1 and five tons of breeders seed was produced for testing and eventual production of the variety.

1978 - The strain was grown in seventeen (17) advanced strains tests and demonstrations in Texas, Oklahoma, and Mississippi. These trials indicated that the strain possessed earliness, good harvesting qualities, and good yield potential. Based on these data seed was

harvested from increase fields at Loraine, Texas and Veribest, Texas.

1979 - Cascot BR-1 was grown in forty-nine (49) advanced strains tests, State yield trials, and county demonstrations in Texas, Oklahoma, and Arkansas. Data confirmed Cascot BR-1 possesses earliness, good harvest characteristics, and high yield potential.

Exhibit A

Stability of Cascot BR-1

Cascot BR-1 has performed consistantly for several years with regards to productivity maturity, fruiting characteristics, and morphological traits. There is no known genetically controlled character that has shown any significant variation over time. Reselections from Cascot BR-1 have not differed significantly from Cascot BR-1 which indicates lack of genetic variation in Cascot BR-1.

Exhibit B

Novelty Statement for Cascot BR-1

Cascot BR-1 is a high yielding, early maturing variety which maintained approximately 5.0% yellow pollen and 95% cream pollen. Cascot BR-1 is immune to all 18 known races of the bacterial blight pathogen, Xanthomonas malvacearum (E. F. Sm.). There are eight other cotton varieties which are also immune to all 18 races of X. malvacearum. These varieties are: Cascot B-2, Cascot L-7, Tamcot CAMD-E, Tamcot SP37H, Tamcot SP37, Tamcot SP21S, Tamcot SP21, Tamcot SP23. Thus, immunity to bacterial blight distinguishes the Cascot and Tamcot varieties from all other cotton varieties.

The Cascot varieties (BR-1, B-2, and L-7) differ from the six Tamcot varieties by having significantly larger bolls (Table 1.).

Cascot BR-1 can be differentiated from Cascot L-7 because Cascot BR-1 has a slightly larger micronaire and a significantly shorter UHM fiber length than Cascot L-7 (Table 1).

Cascot BR-1 most closely resembles Cascot B-2 with regards to earliness and plant morphology. Cascot BR-1 can be differentiated from Cascot B-2 in the field by plant color, Cascot BR-1 is dark green and Cascot B-2 is light green. Cascot BR-1 also differs from Cascot B-2 by having significantly higher fiber strength (Table 1).

Table 1. Fiber and fruit characteristics of nine cotton varieties grown in ten Texas and Oklahoma environments, 1977 - 1980

Cultivar	Boll Size grams	Fiber Length UHM	Fiber Strength gms/tex	Micronaire
Cascot B-2	5.40a ^a	0.99 cd	20.55 b	4.20a
Cascot BR-1	5.30ab	0.98 d	21.63a	4.19a
Cascot L-7	5.06 b	1.07a	21.43ab	3.96ab
Tamcot SP21S	4.71 c	1.00 cd	20.81ab	3.47 c
Tamcot SP37	4.66 c	1.02 b	20.60ab	3.41 c
Tamcot SP23	4.65 c	0.99 cd	21.03ab	3.38 c
Tamcot SP37H	4.64 c	1.01 bc	21.40ab	3.69 bc
Tamcot CAMDE	4.63 c	0.98 d	20.96ab	3.69 bc
Tamcot SP21	4.60 c	1.01 bc	21.40ab	3.45 c

a. Averages not followed by the same letter are significantly different according to Duncan's Multiple Range Test at the 5% level.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Cotton)

OBJECTIVE DESCRIPTION OF VARIETY

COTTON (GOSSYPIMUM SPP.)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S)

Custom Ag Service, Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

P. O. Box 97
Loraine, Texas 79532

FOR OFFICIAL USE ONLY

PVPO NUMBER

80 000 32

VARIETY NAME OR TEMPORARY DESIGNATION

CASCOT BR-1

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in first box (e.g., or) when number is either 99 or less or 9 or less.

1. SPECIES:

1 = GOSSYPIMUM HIRSUTUM 2 = GOSSYPIMUM BARBADENSE

2. AREA(S) OF ADAPTION (0 = Not Tested, 1 = Not Adapted, 2 = Adapted):

EASTERN DELTA CENTRAL HIGH PLAINS EL PASO AREA
 WESTERN LOW HOT VALLEYS SAN JOAQUIN OTHER (Specify) Texas Rolling Plains

3. MATURITY (50% Open Boll):

NO. OF DAYS EARLIER THAN } 1 = COKER 310 2 = DELTAPINE 16 3 = STONEVILLE 213
 NO. OF DAYS LATER THAN } 4 = PAYMASTER 111 5 = ACALA 1517-70 6 = ACALA SJ-1
7 = LANKART 57 8 = OTHER (Specify) Earlier than all 7

4. PLANT HABIT:

1 = SPREADING 2 = INTERMEDIATE 3 = COMPACT 1 = FOLIAGE SPARSE 2 = DENSE
3 = OTHER (Specify) Intermediate

5. PLANT HEIGHT:

CM. SHORTER THAN } 1 = COKER 310 2 = DELTAPINE 16 3 = STONEVILLE 213
 CM. TALLER THAN } 4 = PAYMASTER 111 5 = ACALA 1517-70 6 = ACALA SJ-1
7 = LANKART 57 8 = OTHER (Specify) _____

6. MAIN STEM:

1 = LAX 2 = ASCENDING 3 = ERECT CM. TO FIRST FRUITING BRANCH NO. OF NODES TO FIRST FRUITING BRANCH (from cotyledonary node)

7. LEAF:

CM. WIDTH OF WIDEST LEAVES AT MATURITY

8. LEAF PUBESCENCE:

1 = GLABROUS (HAIRS AS SPARSE AS D₂ SMOOTH)
2 = SMOOTH LEAF (DELTAPINE SMOOTH LEAF) 3 = PUBESCENT (STONEVILLE 213)
4 = HEAVY PUBESCENCE (H₁ OR H₂) 5 = OTHER (Specify) _____

9. LEAF COLOR:

1 = VIRESCENT YELLOW 2 = LIGHT GREEN 3 = DARK GREEN (Acala-442) 4 = RED
5 = OTHER (Specify) _____

10. LEAF TYPE:

1 = NORMAL 2 = OKRA 3 = SUPER OKRA 4 = OTHER (Specify) _____

11. FLOWER:

1 = NECTARILESS 2 = NECTARIED

Petals: 1 = CREAM 2 = YELLOW Pollen: 1 = CREAM 2 = YELLOW

12. FRUITING BRANCH TYPE:

2 2/12/81
 1 = CLUSTER 2 = SHORT 3 = NORMAL 1 = DETERMINATE 2 = INDETERMINATE

13. GOSSYPOL CONDITION:

1 = GLANDLESS 2 = REDUCED GLANDS 3 = NORMAL GLANDS 1 = NORMAL BUD GOSSYPOL
4 = OTHER (Specify) _____ 2 = HIGH BUD GOSSYPOL

14. SEEDS:

± SEED INDEX (Fuzzy seed basis) Seed Fuzz: 1 = SPARSE (GREGG 35) 2 = MODERATE (DPL-16)
3 = HEAVY (ACALA SJ-1) 4 = OTHER (Specify) _____

15. BOLLS:

<input type="text" value="2"/> Locules:	1 = 3-4 2 = 4-5	<input type="text" value="3"/> <input type="text" value="0"/> NO. SEEDS PER BOLL	<input type="text" value="3"/> <input type="text" value="9"/> <input type="text" value="3"/> LINT PERCENT	<input type="text" value="4"/> <input type="text" value="0"/> MM. DIAMETER
<input type="text" value="2"/> Pitted:	1 = NONE 2 = FINELY 3 = COARSELY	<input type="text" value="5"/> <input type="text" value="3"/> <input type="text" value="0"/> GRAMS SEED COTTON PER BOLL	<input type="text" value="2"/> Breadth: 1 = BROADER AT BASE 2 = BROADER AT MIDDLE	
<input type="text" value="2"/> Type:	1 = STORMPROOF (WESTBURN 70) 2 = STORM RESISTANT (LANKART 57) 3 = OPEN (DELTAPINE 16)	<input type="text" value="3"/> Shape:	1 = LENGTH < WIDTH 2 = LENGTH = WIDTH 3 = LENGTH > WIDTH	

16. BRACTEOLLES:

<input type="text" value="3"/> Breadth:	1 = LENGTH < WIDTH 2 = LENGTH = WIDTH 3 = LENGTH > WIDTH		
<input type="text" value="2"/> Teeth:	1 = FINE 2 = COURSE	<input type="text" value="4"/> Teeth:	1 = 3-4 2 = 5-7 3 = 8-10 4 = OTHER (Specify) <u>10-12</u>

17. YIELD: Compared to—

<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> PERCENT LESS THAN	<u>None</u>	} 1 = COKER 310 2 = DELTAPINE 16 3 = STONEVILLE 213 4 = PAYMASTER 111 5 = ACALA 1517-70 6 = ACALA SJ-1 7 = LANKART 57
<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="6"/> PERCENT MORE THAN		

18. FIBER LENGTH: (Complete one or more of the following and give the means):

<input type="text" value="0"/> <input type="text" value="4"/> <input type="text" value="6"/> SPAN LENGTH 50%	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="0"/> SPAN LENGTH 2.5%	<input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="8"/> U.H.M. LENGTH
<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="1"/> MEAN LENGTH	<input type="text" value="3"/> <input type="text" value="3"/> STAPLE LENGTH 32nd INCHES	
<input type="text" value="7"/> <input type="text" value="6"/> UNIFORMITY RATIO (MEAN/U.H.M.)	<input type="text" value="4"/> <input type="text" value="6"/> UNIFORMITY INDEX (50% SPAN/2.5% SPAN)	

19. FIBER STRENGTH AND ELONGATION:

<input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="6"/> 1,000 P.S.I.	<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="1"/> ELONGATION E ₁	<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="1"/> STILOMETER T ₀
<input type="text" value="4"/> <input type="text" value="1"/> <input type="text" value="9"/> MICRONAIRE READING	<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="1"/> YARN STRENGTH (Give test method)	<input type="text" value="2"/> <input type="text" value="1"/> <input type="text" value="6"/> STILOMETER T ₁

20. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="1"/> VERTICILLIUM WILT	<input type="text" value="2"/> FUSARIUM WILT	<input type="text" value="2"/> ROOT KNOT NEMATODE	<input type="text" value="2"/> BACTERIAL BLIGHT (Race 1)
<input type="text" value="2"/> BACTERIAL BLIGHT (Race 2)	<input type="text" value="0"/> ASCOCHYTA BLIGHT	<input type="text" value="1"/> PHYMATOTRICHUM ROOT ROT	<input type="text" value="1"/> RHIZOCTONIA
<input type="text" value="0"/> ANTHRACNOSE	<input type="text" value="0"/> RUST	<input type="text" value="1"/> OTHER (Specify) _____	

21. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="1"/> BOLL WEEVIL	<input type="text" value="1"/> APHID	<input type="text" value="1"/> FLEAHOPPER	<input type="text" value="0"/> LEAFWORM
<input type="text" value="0"/> FALL ARMYWORM	<input type="text" value="1"/> GRASSHOPPER	<input type="text" value="1"/> LYGUS	<input type="text" value="0"/> PINK BOLLWORM
<input type="text" value="0"/> STINKBUG	<input type="text" value="1"/> THRIP	<input type="text" value="0"/> CUTWORM	<input type="text" value="1"/> SPIDERMIT
<input type="text" value="1"/> OTHER (Specify) _____			

REFERENCES: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

- (1) Brown, Harry B., and J. O. Ware, 1958, Cotton, McGraw-Hill Book Company, Inc., New York.
- (2) Lewis, C. F., and H. H. Ramey, Jr., 1971, 1970 Regional Cotton Variety Tests, ARS 34-130, United States Department of Agriculture.

COLORS: Nickerson's or any recognized color fan may be used to determine flower color of the described variety.

Rec 1/7/88

Exhibit D

Additional Description of the Variety

Cascot BR-1 has no unusual seed or seedling traits. Cascot BR-1 is a normal leaf, normal bract, hirsute variety with 95% cream pollen and 5% yellow pollen. Cascot BR-1 resembles Cascot B-2 in earliness, fruiting habit, boll size, micronaire, fiber length, uniformity ratio, gin turnout, and lint percent (Table 2). Cascot BR-1 is darker green in color, has stronger fiber and consistently out yields Cascot B-2.

Table 2. Additional Comparisons of Cascot BR-1 and Cascot B-2, 1977 - 1980.

Variety	Yield	Lint%	Gin Turnout	Uniformity Ratio
No. of Comparisons	30	15	26	9
Cascot BR-1	543.76*	39.3	25.6	76
Cascot B-2	511.89	38.7	24.9	74

* Significantly different according to Student's *t* at the 5% level